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<b>(21) International application number:</b> PCT/EP99/00847 <b>(22) International filing date:</b> February 10 1999 (10.02.99) <b>(30) Data relating to the priority:</b> 198 05 640.0 February 12 1998 (12.02.98) DE 198 35 953.5 August 8 1998 (08.08.98) DE <b>(71) Applicant (for all designated States except US):</b> HOECHST TRESPEPHAN GMBH [DE/DE]; Bergstrasse, D-66539 Neuenkirchen (DE) <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (US only):</b> SPEITH- HERFURTH, Angela [DE/DE]; Ernst-Ludwig- Strasse 10, D-63329 Egelsbach (DE). HANSOHN, Robert [DE/DE]; Blumenstrasse 6, D-66459 Kinkel (DE). SCHUHMANN, Detlef [DE/DE]; Am Schlösschen 22, D-66583 Spiesen-Elversberg (DE). ERNST, Frank [DE/MX]; Casa No. 17, Colonia Celanese No. 2, Apartado Postal 6, Zacapu, Michoacan 58600 (MX). <b>(74) Representative:</b> LUDERSCHMIDT, Wolfgang; John- F.-Kennedy-Strasse 4, D-65189 Wiesbaden (DE).		<b>(81) Designated states:</b> AU, BG, BR, CA, CN, IN, JP, KR, MX, PL, RO, RU, TR, US, European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With the International Search Report.</i> <i>Before expiry of the term allowed for amendments to</i> <i>the claims; publication will be repeated if changes are</i> <i>received.</i>	
<b>(54) Title:</b> HEAT-SEALABLE BIAXIALLY ORIENTED POLYPROPYLENE FILM HAVING IMPROVED BARRIER PROPERTIES  <b>(57) Abstract</b>  A multilayer, heat-sealable, biaxially oriented polypropylene film is described which is built up from a base layer and at least one heat-sealable top layer. The base layer comprises from 1 to 15% by weight of a resin having a mean molecular weight Mw of from 600 to 1500 and from 1 to 6% by weight of a wax having a mean molecular weight Mn of from 200 to 700. The n-heptane-insoluble content of the polypropylene of the base layer has a chain isotacticity index, measured by means of <sup>13</sup> C-NMR spectroscopy, of at least 95%. A process for the production of the film and the use of the film are likewise described.			